

JUN 20 2003

Sheet 1 of 1

Form PTO-7649  
(Reproduced by U.S. GOVERNMENT PURSUANT TO THE TRADEMARK ACT)INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION  
(Use several sheets if necessary)Docket Number (Optional) BB-1126 US DIV Application Number 10/027,450  
09/173,300Applicant SAVERIO CARL FALCO  
Filing Date 12/20/01 Group Art Unit  
OCTOBER 15, 1998 1643 1652

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
			YES	NO	TRANSLATION	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JKS	NCBI General Identifier No. 400054
	NCBI General Identifier No. 1170543
	NCBI General Identifier No. 1176947
	NCBI General Identifier No. 1708468
	NCBI General Identifier No. 3122287
	NCBI General Identifier No. 124380
	NCBI General Identifier No. 3219823
	NCBI General Identifier No. 3122347
	NCBI General Identifier No. 3122345
	NCBI General Identifier No. 400187
	Higgins, D.G. and Sharp, P.M. (1989) Cabrios 5:151-153
	Hein, J.J. (1990) Meth. Enz. 183:626-645
JKS	Selkov et al. (1997) Gene 197:GC11-GC26

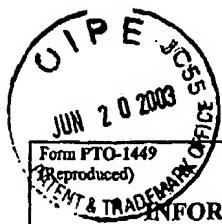
EXAMINER

T. Sardha

DATE CONSIDERED

5/24/04

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Sheet 1 of 1

<p>Form PTO-1449 (Reproduced) U.S. PATENT &amp; TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)</p>				Docket Number (Optional) <b>BB-1126 USDIV</b>		Application Number 10/027,450 09/173,300			
				Applicant <b>SAVERIO CARL FALCO</b>		Filing Date 12/20/01 <b>OCTOBER 15, 1998</b>		Group Art Unit 1652 <b>1643</b>	
				<b>U. S. PATENT DOCUMENTS</b>					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
<b>FOREIGN PATENT DOCUMENTS</b>									
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION			
						YES	NO		
<i>J/S</i>	WO 94/08020	4/14/94	PCT	C12N	60				
				15					
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>									
<i>J/S</i>	Pirrung et al, Mechanism and stereochemistry of alphabeta-dihydroxyacid dehydratase, <i>J. Am. Chem. Soc.</i> , 113, 1020-1025, 1991								
	Kanamori et al, Studies in valine biosynthesis, <i>The Journal of Biological Chemistry</i> , 238, No. 3, 998-1005, March 1963								
	Flint et al, Dihydroxy acid dehydratase from spinach contains a [2Fe-2S] cluster, <i>The Journal of Biological Chemistry</i> , 263, No. 8, 3558-3564, 1988								
	Wallsgrove et al, Biochemical characterisation of <i>nicotiana plumbaginifolia</i> auxotrophs that require branched-chain amino acids, <i>Plant Cell Reports</i> , 3, 223-226, 1986								
	Wallsgrove et al, Biochemical characterisation of an auxotroph of <i>Datura innoxia</i> requiring isoleucine and valine, <i>Plant Science</i> , 43, 109-114, 1986								
	Mazur et al, Isolation and characterization of plant genes coding for acetolactate synthase, the target enzyme for two classes of herbicides, <i>Plant Physiology</i> , 85, 1110-1117, 1987								
	Dumas et al, Isolation, characterization and sequence analysis of a full-length cDNA clone encoding acetohydroxy acid reductoisomerase from spinach chloroplasts, <i>The Biochemical Journal</i> , 227, No. 2, 469-475, 1991								
	Velasco et al, Cloning of the dihydroxydehydratase-encoding gene (ILV3) from <i>Saccharomyces cerevisiae</i> , <i>Gene</i> , 137, No. 2, 179-185, 1993								
	Godon et al, Branched-chain amino acid biosynthesis genes in <i>Lactococcus lactis</i> subsp. <i>lactis</i> , <i>Journal of Bacteriology</i> , 174, No. 20, 6580-6589, 1992								
<i>J/S</i>	Lawther et al, The complete nucleotide sequence of the ilvGMEDA operon of <i>Escherichia coli</i> K-12, <i>Nucleic Acid Research</i> , 15, No. 5, 2137-2155, 1987								
EXAMINER	<i>T. Sadha</i>			DATE CONSIDERED	<i>5/24/04</i>				
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PTO/SB/086b (05-03)

Approved for use through 06/31/2003. OMB 0651-0031  
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	7560-30 (BB1126USDIV)
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### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If known)			

### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number-Kind Code <sup>4</sup> (If known)			
JL	BA	WO 94/08020	04-14-1994		T <sup>5</sup>

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
JL	CA	National Center for Biotechnology Information General Identifier No. 1170543, 1-29-1996, Dihydroxy-acid dehydratase, mitochondrial precursor (DAD)	
	CB	National Center for Biotechnology Information General Identifier No. 400054, 9-14-1993, Dihydroxy-acid dehydratase (DAD)	
	CC	National Center for Biotechnology Information General Identifier No. 1176947, 2-3-1996, Putative branched-chain amino acid aminotransferase (BCAT)	
	CD	National Center for Biotechnology Information General Identifier No. 1708468, 12-5-1996, Probable branched-chain amino acid aminotransferase (BCAT)	
	CE	National Center for Biotechnology Information General Identifier No. 3122287, 5-8-1998, Putative branched-chain amino acid aminotransferase (Transaminase B) (BCAT)	
	CF	National Center for Biotechnology Information General Identifier No. 124380, 4-23-1999, Branched-chain amino acid aminotransferase (Transaminase B) (BCAT)	
	CG	National Center for Biotechnology Information General Identifier No. 3219823, 6-15-1998, 3-Isopropylmalate dehydratase large subunit 2 (Isopropylmalate isomerase 2) (Alpha-IPM isomerase 2) (IPMI 2)	
JL	CH	National Center for Biotechnology Information General Identifier No. 3122347, 5-8-1998, 3-Isopropylmalate dehydratase large subunit 1 (Isopropylmalate isomerase 1) (Alpha-IPM isomerase 1) (IPMI 1)	

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Examiner Signature	T. Scidha	Date Considered	7/28/03
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Complete if Known

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number	10/027450
Filing Date	December 20, 2001
First Named Inventor	S. C. Falco et al.
Art Unit	1652
Examiner Name	T. Saldha

Sheet 2 of 2

Attorney Docket Number 7560\*30 (BB1126USDIV)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
SCF	CI	National Center for Biotechnology Information General Identifier No. 3122345, 5-8-1998, 3-isopropylmalate dehydratase small subunit 2 (Isopropylmalate Isomerase 2) (Alpha-IPM Isomerase 2) (IPMI 2)	
	CJ	National Center for Biotechnology Information General Identifier No. 400187, 9-14-1993, 3-isopropylmalate dehydratase small subunit (Isopropylmalate Isomerase) (Alpha-IPM Isomerase) (IPMI)	
	CK	D. G. HIGGINS ET AL, 1989, Cabrios 5:151-153	
	CL	J. J. HEIN, 1990, Meth. Enz. 183:828-845	
	CM	SELKOV ET AL., 1997, Gene 197:GC11-GC28	
	CN	PIRRUNG ET AL., Mechanism and stereochemistry of alpha-beta-dihydroxyacid dehydratase, J. Am. Chem. Soc., 113, 1020-1025, 1991	
	CO	KANAMORI ET AL., Studies in valine biosynthesis, The Journal of Biological Chemistry, 238, No. 3, 998-1005, March 1963	
	CP	FLINT ET AL, Dihydroxy acid dehydratase from spinach contains a (2F-e-2S) cluster, The Journal of Biological Chemistry, 263, No. 8, 3558-3564, 1988	
	CQ	WALLSGROVE ET AL., Biochemical characterisation of <i>nicotiana plumbaginifolia</i> auxotrophs that require branched-chain amino acids, Plant Cell Reports, 3, 223-226, 1988	
	CR	WALLSGROVE ET AL., Biochemical characterisation of an auxotroph of <i>Datura innoxia</i> requiring isoleucine and valine, Plant Science, 43, 109-114, 1986	
	CS	MAZUR ET AL., Isolation and characterization of plant genes coding for acetolactate synthase, the target enzyme for two classes of herbicides, Plant Physiology, 85, 1110-1117, 1987	
	CT	DUMAS ET AL., Isolation, characterization and sequence analysis of a full-length cDNA clone encoding acetohydroxy acid reductoisomerase from spinach chloroplasts, The Biochemical Journal, 227, No. 2, 469-475, 1991	
	CU	VELASCO ET AL., Cloning of the dihydroxydehydratase-encoding gene (ILV3) from <i>Saccharomyces cerevisiae</i> , Gene, 137, No. 2, 179-185, 1993	
	CV	GODON ET AL., Branched-chain amino acid biosynthesis genes in <i>Lactococcus lactis</i> subsp. <i>lactis</i> , Journal of Bacteriology, 174, No. 20, 6580-6589, 1992	
	CW	LAWTHER ET AL., The complete nucleotide sequence of the <i>livGMEDA</i> operon of <i>Escherichia coli</i> K-12, Nucleic Acid Research, 15, No. 5, 2137-2155, 1987	
SCF	CX	Sequence alignment of SEQ ID NO:1-6 and known sequences from the database	

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>Applicant is to place a check mark here if English language Translation is attached.

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Examiner Signature	T. Saldha	Date Considered	7/28/03
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